



Delivering on your Carbon Reduction Commitment



A positive coalition - a mixture of policies that make sense - all looks good news for the UK balance sheet BUT very tough on individuals and - on the environment? Increased focus - new ideas and the Green Investment Bank Commission report - a very good document and on page 20 the first line of the the "must" investment to reduce carbon is "Large Scale Energy Efficiency". We are fortunate to have the only technology that makes the largest contribution to your overall reduction of carbon in one installation. In mid-July our clients will collectively have saved 330,000 tonnes of CO2 and £50,000,000 of cost AND increased the security of their supply to mitigate real business continuity risk as we move towards the Energy Gap. Why not give us a call - multiple top companies - 120 public sector clients and 15 government agencies can't be wrong.

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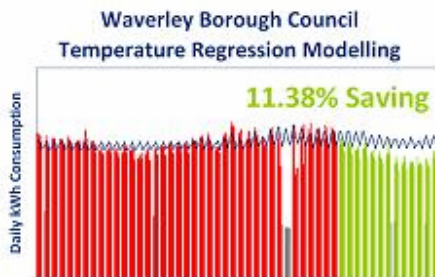
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SAVINGS FOR THE PUBLIC SECTOR



Following the recently announced emergency 2010 budget; The Public Sector will be pressed to deliver cuts across the board. Despite this we are delighted to provide this sector with the solution to the government's 10:10 CO2 reduction targets.

"After having a powerPerfector unit installed at our main offices the savings report covering the first three months shows that we are now getting an average saving of 11.38%. This is a significant saving for us and equates to £5,837 per annum and CO2 saving of 39,594kg per annum with a pay back period of just under 4 years. This goes a long way to help us with our CO2 management. powerPerfector has kept in contact during and post installation supplying all the information we have required. I would happily recommend the system to any organisation"

Steve Holt, Senior Facilities Officer, Waverley Borough Council.

TESCO'S NORTHERN IRELAND



Our roll out with Tesco continues across the UK recently including an additional 40 stores in Northern Ireland. Thanks to our partners, Blackbourne Electrical, this project was delivered in just 7 weeks.

Andrew McMullen, Engineering Delivery Manager for Tesco, said:

"We have installed a number of powerPerfector units throughout the U.K. with really positive results. It has been a critical part of our energy reduction strategy and thanks to Blackbourne Integrated M&E and powerPerfector we should see considerable savings and reduction in CO2 across our Northern Ireland stores. We're very satisfied with the overall installation of the units. Blackbourne were given a tight deadline of eight weeks to complete all the installations and they completed the 40 stores in seven weeks. Blackbourne's dedicated engineers worked through the night on a number of stores so there would be no disruption to our day to day operations"

All of our Approved Contractors supported by our PRINCE2 qualified Project Engineers and Project Managers work with our clients to deliver their powerPerfector installation, so you will be assured of the best possible service with every installation.

DELIVERING IMPROVED POWER QUALITY



Kim Pivett, Head of Building Services, Procurement and Building Services Ofgem.

"The ability of powerPerfector technology to reduce energy (kWh) consumption at Millbank has been proven, but the technology has also provided Ofgem a range of other benefits. These all contribute to creating a more efficient, robust and reliable electrical supply for the site, and provide further financial benefits on top of the reduced energy costs."

We were suffering from voltage spikes (transients) which on numerous occasions damaged the lift controls causing them to stop operating. The cost each time to repair the damage was substantial at £800, however in the 1.5 years following the powerPerfector installation there has been no repeat of the issue. We are told that spikes are on the increase due to more switching on the grid so this level of protection is extremely valuable."

Where supply quality is critical, the inherent benefits of a VPO unit really come into play. As supply becomes increasingly susceptible to transients, the powerPerfector technology will protect a site from voltage spikes up to 25kV which can have devastating effects on sensitive electronic equipment. Harmonic filtration is also intrinsic to the design of a powerPerfector unit, and a typical pP installation will bring the Power Factor of a site up by 4% to 10%.

APPLAUDING NOTTINGHAM PLAYHOUSE



Proving the lights shine as brightly as ever especially when optimised. Nottingham Playhouse are putting on powerPerfected performances. You won't see us mentioned in the credits, but the glowing testimonial more than compensates.

"At Nottingham Playhouse we love big impact, as we are internationally recognised for making bold and thrilling theatre productions. powerPerfector has made that big impact - savings from day 1. Rising energy prices is bad news for the productions budget, and just like other organisations, it means managing our costs even tighter. Having a powerPerfector helps release that pressure. The powerPerfector team made a big impact on us too. Thank you for ensuring it was quick and simple to finance. We were guided through a Carbon Trust loan with a payback of 2 years 6 months. It pays for itself and puts no risk on our cash flow. Not to sound cliché - but, a no brainer."

Rachael Thomas, Head of Finance, Nottingham Playhouse.

11% savings in kWh, 42,800kgs reduction in CO2 and annual savings of £5,700.

LEAN AND GREEN LEISURE CENTRE



"When our energy bill increased 83% to £250,000 a year, we had to take a really close look at our energy costs. The environment has always been high on the company's agenda with energy conservation given top priority. The private members health club is open seven days a week and more than sixteen hours a day,

powerPerfector has been a highly successful investment."

Andrew Brown, Managing Director, Crow Wood Leisure.

Set in a 100 acres of green belt countryside with Equestrian facilities, pool, restaurant and gym, the leisure centre was powerPerfected in 2009 and the savings are as follows:

Annual reduction in energy consumption 11.9%, financial savings of £17,378 and reduction in CO2 emissions of 79,625kgs.

YORK COLLEGE



"York College is pleased to benefit from the savings gained from the installation of the powerPerfector units. The financial and environmental rewards endorse our policy on energy management".

**Ian Fawcett, Building Services Coordinator,
York College**

A 560 kVA powerperfector unit and a 740 kVA unit, both with 9% optimisation settings, were installed at York College on 9th August 2008, the college is an efficient new build completed in 2007.

The following report is an analysis of the half-hourly data for the site up to 31st January 2010.

The projected savings are as follows:

Reduced kWh consumption of 12%, CO2 emissions savings of 200,210kgs and annual financial savings of £31,273

The college has undertaken to reduce its energy use and carbon footprint by several initiatives of which powerPerfector is a part. It has been

highlighted by the College that there have been some minor equipment and regime changes in the reporting period that could not be quantified, however it is believed that a substantial portion of the savings reported are attributable to the powerPerfector installation.

REDUCING MAINTENANCE COSTS AT DAKOTA FORTH BRIDGE HOTEL



Providing superb accommodation, an award winning Bar and Grill (Scottish Seafood Restaurant of the Year 2009, and winner of Scotland's Most Stylish Hotel) Edinburgh's Dakota Hotel has set out to make a name for itself. Perhaps adding a 'Green Business' award would be an appropriate addition to the accolades.

Addressing the environmental impact and ensuring optimised energy efficiency in the Hotel sector generally can have some considerable benefits over and above the financial one.

"In addition to the savings that have been achieved with the installation of a powerPerfector unit, we have noticed that we are spending far less time on maintenance issues. We have also noticed a considerable drop in maintenance costs which added together with the savings in energy costs, have ensured that the powerPerfector has been a very simple and effective solution and well worth the investment."

David Waddell, Maintenance Manager, Dakota Forth Bridge.

The Dakota was powerPerfected in 2009 and the savings are as follows:
Annual financial savings £10,840, reduction in CO2 72,700kgs and reduction in energy consumption 9.5%

MORE SAVINGS FOR THE PERFORMING ARTS



At full industrial use Snape Maltings grew to some seven acres of buildings and was one of the largest flat floor maltings in the country. The Malting process ceased in the 1960's and the wonderful Victorian buildings took on a new lease of life under the careful development of the Gooderham family owners.

The Maltings now comprise of a World Class Concert Hall run by Aldeburgh Music - which is soon to be powerPerfected, and a mixture of

lovely shops, restaurants and art gallery set beside the lovely river Alde and close to the Suffolk coastline - well worth a visit.

GET READY TO TAKE PART - WOW and START

This year's finals of the 'Wipe Out Waste' awards will be held during the Prince's Charities Foundation 'Start Campaign'. Start is a new initiative to show people what a more energy efficient, cleaner and healthier future could look like; inspiring and promoting a picture of a sustainable future. The twelve day 'Garden Party to Make a Difference' will be held in the gardens of Clarence House, Lancaster House and Marlborough House from 8th - 19th September, bringing together Captains of Industry, decision makers and the generations that will inherit - hopefully a more sustainable future.

As Footprint Friend's main sponsor, and the source of many of the charity's volunteers we are obviously delighted to be involved in this great event.

The impact of WOW for schools is also recognised in DECC.

'I am very impressed by the level of commitment and dedication young people are showing in helping to tackle climate change, which has been highlighted by the Footprint Friends website.'

The Wipe Out Waste Awards have provided excellent examples of how to reduce waste and save resources, which are key to improving our environment. The partnership you have formed with the 'Start' initiative for the 2010 Awards provides an excellent opportunity for schools to take a lead in inspiring us all to achieve a sustainable future'

The Rt Hon Chris Huhne MP, Secretary of State, Department of Energy and Climate Change

If you know of a school who should be taking part - remember that first prize is a powerPerfector for the school. Please point them to the FPF's website via the link below.



[Take part in the WOW awards](#)